

## Abstract

**[0029]** A method and system to adjust a non-volatile cache associativity are described. In one embodiment, the method and system include determining a status of the a system; and setting an associativity level of the non-volatile memory cache (NVC) of the system, based on that status of the system. In one embodiment, the non-volatile memory unit is a cache of the hard drive. Furthermore, in one embodiment, determining the status of the system includes determining whether the system is a mobile computer, and if so, determining whether the system is receiving power from a battery source or AC power from a wall outlet.